

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
<b>UN33</b>							
△ RAKIT N 53 10 43 E 013 54 40							
	006.3 186.4	23.6	FL 660 FL 245	↑	↓		Bremen ACC Karlsruhe UAC
△ PADKU N 53 34 11 E 013 58 59							
	006.3 186.4	35.6	FL 660 FL 245	↑	↓		Bremen ACC Karlsruhe UAC
△ POBOX N 54 09 32 E 014 05 39							
	003.2 183.2	40.6	FL 660 FL 245	↑	↓	<b>CDR1</b> FL 245 – FL 490 H24 To avoid ED-D 47 expect TEMPO vectoring by ATC (via BAKLI). Route extension: MAX 8 NM	Bremen ACC Karlsruhe UAC
△ UMSET N 54 49 59 E 014 09 31							
	003.2 183.2	5.0	FL 660 FL 245	↑	↓	<b>CDR1</b> FL 245 – FL 490 H24 To avoid ED-D 47 expect TEMPO vectoring by ATC (via BAKLI). Route extension: MAX 8 NM	Bremen ACC Karlsruhe UAC
△ BIKRU (FIR BDRY) N 54 55 00 E 014 10 00							

<b>UN125</b>	Beyond DOBAK see AIP The Netherlands.						
△ ELBE VOR/DME (LBV) N 53 39 09 E 009 34 46							
	234.3	31.2	FL 660 FL 245		↓	<b>CDR1</b> FL 300 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays <b>CDR2</b> FL 300 – FL 660 other times ALTN route: westb. LBV - GOLEN - UN872, eastb. BEDUM - DHE -UL619.	Maastricht UAC
△ WESER NDB (WSN) N 53 20 50 E 008 52 29							
	263.4 083.1	13.3	FL 660 FL 245	↑	↓	<b>CDR1</b> FL 290 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays <b>CDR2</b> FL 290 – FL 660 other times ALTN route: westb. LBV - GOLEN - UN872, eastb. BEDUM - DHE -UL619.	Maastricht UAC
△ REVLA N 53 19 15 E 008 30 27							
	262.6 082.3	12.7	FL 660 FL 245	↑	↓	<b>CDR1</b> FL 290 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays <b>CDR2</b> FL 290 – FL 660 other times ALTN route: westb. LBV - GOLEN - UN872, eastb. BEDUM - DHE -UL619.	Maastricht UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ AVESA N 53 17 36 E 008 09 28							
	262.3 082.3	3.4	FL 660 FL 245	↑	↓	<b>CDR1</b> FL 290 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays <b>CDR2</b> FL 290 – FL 660 other times ALTN route: westb. LBV - GOLEN - UN872, eastb. BEDUM - DHE -UL619.	Maastricht UAC
△ DOTOB N 53 17 09 E 008 03 54							
	262.2 081.6	30.9	FL 660 FL 245	↑	↓	<b>CDR1</b> FL 290 – FL 660 Mon 2300 (2200) – Tue 0700 (0600) Tue 2300 (2200) – Wed 0700 (0600) Wed 2300 (2200) – Thu 0700 (0600) Thu 2300 (2200) – Fri 0700 (0600) Fri 1100 (1000) – Mon 0700 (0600) legal holidays <b>CDR2</b> FL 290 – FL 660 other times ALTN route: westb. LBV - GOLEN - UN872, eastb. BEDUM - DHE -UL619.	Maastricht UAC
△ DOBAK (FIR BDRY) N 53 12 48 E 007 13 01							
<b>UN491</b>							
△ BEGAR (FIR BDRY) N 47 54 30 E 007 35 00							
	111.1	21.4	FL 660 FL 215	↓			Karlsruhe UAC Langen ACC
△ LENGI N 47 46 45 E 008 04 37							
	110.1	15.5	FL 660 8000 ft MSL	↓			Karlsruhe UAC Zürich ACC
△ TRASADINGEN DVOR/DME (TRA) N 47 41 22 E 008 26 13							
<b>UN606</b>							
△ MADEB N 47 19 28 E 010 17 20							
	101.2	11.8	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ ELMEM N 47 17 08 E 010 34 15							
	151.7	7.9	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BILDU N 47 10 14 E 010 39 42							
	159.4	9.4	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ OTRES N 47 01 24 E 010 44 33							
<b>UN746</b>							
△ LOHRE N 50 04 01 E 009 29 11							
	035.8	25.4	FL 660 FL 245	↓			Karlsruhe UAC
△ TIKNI N 50 24 35 E 009 52 24							
	036.0	36.3	FL 660 FL 245	↓			Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even	Remarks	Controlling Unit
1	2	3	4	5	6	7
△ ROBEL N 50 53 51 E 010 26 06						
	035.5	21.1	FL 660 FL 245	↓		Karlsruhe UAC München ACC
△ ESOBU N 51 10 59 E 010 45 33						
	035.7	32.4	FL 660 FL 285	↓		Karlsruhe UAC München ACC
△ KENIG N 51 37 10 E 011 15 52						
	041.0	30.0	FL 660 FL 285	↓		Karlsruhe UAC
△ MAGDEBURG VOR/DME (MAG) N 51 59 42 E 011 47 40						
	036.3	29.7	FL 660 FL 285	↓		Karlsruhe UAC
△ SOBLU N 52 23 32 E 012 16 22						
	040.2	23.1	FL 660 FL 285	↓		Karlsruhe UAC
△ RIMKO N 52 41 09 E 012 40 55						
	040.5	27.3	FL 660 FL 245	↓	CDR1 FL 245 – FL 660 H24 See ENR 5.1 MVPA North-East To avoid Military Exercise Areas expect TEMPO vectoring by ATC. (via LOLPA) Route extension: MAX 4 NM	Bremen ACC Karlsruhe UAC
△ GUDOP N 53 01 47 E 013 10 15						
	041.7	43.7	FL 660 FL 245	↓	CDR1 FL 245 – FL 660 H24 See ENR 5.1 MVPA North-East To avoid Military Exercise Areas expect TEMPO vectoring by ATC. (via LOLPA) Route extension: MAX 4 NM	Bremen ACC Karlsruhe UAC
△ PADKU N 53 34 11 E 013 58 59						
	042.3	15.5	FL 660 FL 245	↓		Bremen ACC Karlsruhe UAC
△ BINKA (FIR BDRY) N 53 45 34 E 014 16 32						
UN850						
△ BAGOS (FIR BDRY) N 54 34 22 E 011 16 12						
	209.9	6.1	FL 660 FL 245	↓		Maastricht UAC
△ KUXOD N 54 29 06 E 011 10 57						
	210.0	12.4	FL 660 FL 245	↓		Maastricht UAC
△ MICHAELSDORF DVOR (MIC) N 54 18 20 E 011 00 19						
	203.0	90.7	FL 660 FL 245	↓		Maastricht UAC
△ AGATI N 52 54 42 E 010 01 44						
	203.0	52.2	FL 660 FL 245	↓		Maastricht UAC
△ PERIK N 52 06 23 E 009 29 44						
	203.0	5.8	FL 660 FL 245	↓		Maastricht UAC
△ BULAP N 52 01 00 E 009 26 14						
	203.0	33.0	FL 660 FL 245	↓		Maastricht UAC
△ WARBURG DVOR/DME (WRB) N 51 30 21 E 009 06 39						
	187.8	18.1	FL 660 FL 245	↓		Maastricht UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ RANAX N 51 12 26 E 009 02 46							
	187.8	10.5	FL 660 FL 245	↓			Karlsruhe UAC
△ EDEGA N 51 02 05 E 009 00 28							
	187.8	12.2	FL 660 FL 245	↓			Karlsruhe UAC
△ AMETU N 50 49 59 E 008 57 52							
	187.8	18.5	FL 660 FL 245	↓			Karlsruhe UAC
△ SOGMI N 50 31 39 E 008 53 57							
	187.8	28.5	FL 660 FL 245	↓			Karlsruhe UAC
△ BOMBI N 50 03 24 E 008 48 01							
	187.8	21.6	FL 660 FL 245	↓			Karlsruhe UAC
△ GIGET N 49 42 04 E 008 43 36							
	187.8	14.3	FL 660 FL 245	↓			Karlsruhe UAC
△ ABUKA N 49 27 55 E 008 40 45							
	187.8	28.6	FL 660 FL 245	↓			Karlsruhe UAC
△ KARLSRUHE DVOR/DME (KRH) N 48 59 35 E 008 35 03							
	192.1	6.5	FL 660 FL 245	↓			Karlsruhe UAC
△ EPIXU N 48 53 11 E 008 32 59							
	192.0	44.0	FL 660 FL 245	↓			Karlsruhe UAC
△ NATOR N 48 10 12 E 008 19 17							
	170.8	18.9	FL 660 FL 245	↓			Karlsruhe UAC
△ TITIX N 47 51 30 E 008 23 48							
	170.8	10.3	FL 660 FL 245	↓			Karlsruhe UAC Zürich ACC
△ TRASADINGEN DVOR/DME (TRA) N 47 41 22 E 008 26 13							

<b>UN851</b>							
△ VEDOK (FIR BDRY) N 47 47 24 E 009 07 14							
	006.3	15.4	FL 660 FL 245		↓		Karlsruhe UAC Zürich ACC
△ HEUSE N 48 02 39 E 009 09 45							
	006.3	7.3	FL 660 FL 245		↓		Karlsruhe UAC
△ LOKTA N 48 10 00 E 009 10 58							
	006.3	27.4	FL 660 FL 245		↓		Karlsruhe UAC
△ TEDGO N 48 37 06 E 009 15 33							
	005.8	60.0	FL 660 FL 245		↓	CDR1 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ HAREM N 49 37 06 E 009 24 52							
	005.8	27.1	FL 660 FL 245		↓	CDR1 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ LOHRE N 50 04 01 E 009 29 11							
	005.8	27.9	FL 660 FL 245		↓		Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ ARNIX N 50 31 44 E 009 33 42							
	005.8	3.8	FL 660 FL 245		↓		Karlsruhe UAC
△ FULDA DVOR/DME (FUL) N 50 35 33 E 009 34 20							
	006.9	8.3	FL 660 FL 245		↓		Karlsruhe UAC
△ MASEK N 50 43 45 E 009 35 54							
	006.9 186.9	23.9	FL 660 FL 245	↑	↓		Karlsruhe UAC
△ KEMAD N 51 07 25 E 009 40 30							
	017.9	74.6	FL 660 FL 245		↓		Maastricht UAC
△ DEKEL N 52 18 10 E 010 17 53							
	020.0	11.4	FL 660 FL 245		↓		Maastricht UAC
△ AMALI N 52 28 47 E 010 24 23							
	020.0	49.4	FL 660 FL 245		↓		Maastricht UAC
△ IRKIS N 53 14 56 E 010 53 19							
	023.8	47.8	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ ABASO N 53 58 34 E 011 26 02							
	024.3	20.7	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ ELKIM N 54 17 21 E 011 40 30							
	024.5	10.6	FL 660 FL 245		↓		Bremen ACC Karlsruhe UAC
△ MAKEL (FIR BDRY) N 54 26 58 E 011 48 01							

<b>UN857</b>							
△ NOSP N 50 01 14 E 006 42 41							
	269.2	7.0	FL 660 FL 245		↓		Karlsruhe UAC
△ NATTENHEIM VORTAC (NTM) N 50 00 57 E 006 31 54							
	269.2	6.1	FL 660 FL 245		↓		Karlsruhe UAC
△ RALAM N 50 00 52 E 006 22 31							
	226.1	7.9	FL 660 FL 245		↓		Karlsruhe UAC
△ FIR BDRY N 49 55 22 E 006 13 45							

<b>UN858</b>							
△ BETEX (FIR BDRY) N 49 48 57 E 006 25 31							
	027.5	11.4	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC
△ BITBU N 49 58 59 E 006 33 42							
	068.6	6.2	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC
△ NOSP N 50 01 14 E 006 42 41							
	068.7	37.0	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC
△ AMASI N 50 14 25 E 007 36 22							
	072.1	40.8	FL 660 FL 245 (FL270)	↓			Karlsruhe UAC

Route designator Name of significant points Coordinates	True Track	Geodesic DIST NM	Upper limits Lower limits	Direction of cruising levels Odd Even		Remarks	Controlling Unit
1	2	3	4	5		6	7
△ TESGA N 50 26 42 E 008 37 08							
	065.1	11.8	FL 660 FL 245	↓			Karlsruhe UAC
△ SOGMI N 50 31 39 E 008 53 57							
	065.1	29.3	FL 660 FL 245	↓			Karlsruhe UAC
△ MASEK N 50 43 45 E 009 35 54							
	051.0	34.5	FL 660 FL 245	↓			Karlsruhe UAC
△ ERSIL N 51 03 02 E 010 17 12							
	066.2	19.6	FL 660 FL 245	↓			Karlsruhe UAC
△ ESOBU N 51 10 59 E 010 45 33							
	066.2	16.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ MITRU N 51 17 38 E 011 09 43							
	066.2	4.5	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ IXUVU N 51 19 26 E 011 16 20							
	056.4	8.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ GALMA N 51 23 53 E 011 27 04							
	056.4	26.5	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ DESAR N 51 38 24 E 012 02 34							
	063.8	6.7	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ LORBO N 51 41 22 E 012 12 18							
	063.8	31.7	FL 660 FL 245	↓			Bremen ACC Karlsruhe UAC
△ MOSEX N 51 55 09 E 012 58 15							
	063.8	29.2	FL 660 FL 245	↓			Bremen ACC Karlsruhe UAC
△ PEPOL N 52 07 34 E 013 40 57							
	063.8	17.1	FL 660 FL 245	↓			Bremen ACC Karlsruhe UAC
△ BESKO N 52 14 44 E 014 06 11							
	063.8	19.5	FL 660 FL 245	↓			Bremen ACC Karlsruhe UAC
△ SLUBICE VOR/DME (SUI) N 52 22 47 E 014 35 08							

<b>UN869</b>							
△ CHEB VOR/DME (OKG) N 50 03 55 E 012 24 21							
	248.8	19.7	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ RONIG N 49 56 46 E 011 55 57							
	248.8 068.6	10.7	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ NOGRA N 49 52 54 E 011 40 35							
	248.9 068.7	12.2	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ KEPOM N 49 48 29 E 011 22 58							
	250.0 069.0	6.6	FL 660 FL 245	↑	↓		Karlsruhe UAC München ACC
△ ANELA N 49 46 08 E 011 13 29							
	226.1	9.4	FL 660 FL 275		↓		Karlsruhe UAC München ACC

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1	2	3	4	5		6	7
△ KEGOS N 49 39 38 E 011 03 05							
	226.0	13.0	FL 660 FL 275		↓	CDR1 FL 280 – FL 320 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC München ACC
△ AMOSA N 49 30 34 E 010 48 41							
	225.8	8.2	FL 660 FL 275		↓	CDR1 FL 280 – FL 320 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ ODEGU N 49 24 52 E 010 39 43							
	225.7	23.3	FL 660 FL 275		↓	CDR1 FL 280 – FL 320 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ DINKELSBÜHL DVORTAC (DKB) N 49 08 34 E 010 14 18							
	231.3	24.9	FL 660 FL 245		↓	CDR1 FL 280 – FL 320 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ GUPIN N 48 52 57 E 009 44 53							
	230.9	25.1	FL 660 FL 245		↓	CDR1 FL 280 – FL 320 FL 360 – FL 430 H24 ALTN route: by ATC	Karlsruhe UAC
△ TEDGO N 48 37 06 E 009 15 33							
	234.7	46.2	FL 660 FL 245		↓		Karlsruhe UAC
△ NATOR N 48 10 12 E 008 19 17							
	208.5	37.4	FL 660 FL 245		↓		Karlsruhe UAC
△ RINLI N 47 37 22 E 007 52 51							
	209.0	22.0	FL 660 FL 195		↓		Zürich ACC
△ OLBEN N 47 18 16 E 007 37 46							
UN871	Beyond BEPAS see AIP Czech Republic.						
△ DEGES N 47 24 45 E 009 12 07							
	089.6	18.3	FL 660 FL 195		↓		München ACC Zürich ACC
△ GAMSA N 47 24 30 E 009 39 07							
	101.7	26.5	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ MADEB N 47 19 28 E 010 17 20							
	059.7	9.0	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ XEBIX N 47 24 00 E 010 28 48							
	070.0	12.1	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ GAPTO N 47 28 07 E 010 45 34							
	070.2	27.6	FL 660 FL 245		↓		Karlsruhe UAC München ACC
△ KOGOL N 47 37 20 E 011 23 59							
	073.3	16.5	FL 660 FL 245		↓		Karlsruhe UAC München ACC

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1	2	3	4	5		6	7
△ TULSI N 47 42 06 E 011 47 20							
	073.3	6.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BADVI N 47 43 52 E 011 56 43							
	039.5	28.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ AMDID N 48 05 50 E 012 23 49							
	039.9	10.5	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ MEBEK N 48 13 55 E 012 33 56							
	036.4	12.4	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BIBAG N 48 23 49 E 012 44 59							
	042.9	11.6	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ NENUM N 48 32 19 E 012 56 52							
	045.7	31.1	FL 660 FL 245	↓			Karlsruhe UAC München ACC
△ BEPAS N 48 53 54 E 013 30 35							

<b>UN872</b>							
△ DEMIR (FIR BDRY) N 54 50 11 E 009 51 10							
	229.7	17.5	FL 660 FL 245		↓		Maastricht UAC
△ DEGUL N 54 38 48 E 009 28 10							
	229.7	53.6	FL 660 FL 245		↓		Maastricht UAC
△ GOLEN N 54 03 35 E 008 19 15							
	229.7	64.3	FL 660 FL 245		↓		Maastricht UAC
△ KUBAT (FIR BDRY) N 53 20 11 E 006 59 37							

<b>UN873</b>							
This ATS route crosses a danger area over the North Sea. IFR traffic on this route is given priority over and separation from military traffic within this danger area.							
△ TUSKA (FIR BDRY) N 55 00 00 E 007 52 34							
	201.0 020.8	20.0	FL 660 FL 245	↑	↓		Maastricht UAC
△ LEGPI N 54 41 21 E 007 40 12							
	200.8 020.6	25.1	FL 660 FL 245	↑	↓		Maastricht UAC
△ WELGO N 54 17 54 E 007 24 57							
	201.9 021.6	40.1	FL 660 FL 245	↑	↓		Maastricht UAC
△ NIRDU N 53 40 41 E 006 59 48							
	201.8 021.7	7.3	FL 660 FL 245	↑	↓		Maastricht UAC
△ JUIST N 53 33 46 E 006 55 12							
	042.5	5.5	FL 660 FL 245	↑			Maastricht UAC
△ LABIL (FIR BDRY) N 53 29 45 E 006 48 59							